			r	Sheet 1 01 2			
Sylo O	Form	PTO-1449 Modified	Docket No. ISIS-4502	Serial No. 08/078,768			
	st of	of Patent and Publications Applicant					
		Cited by Applicant everal sheets if necessary)	Tullis				
THE THE STATE OF T		Department of Commerce at and Trademark Office	Filing Date June 16, 1993	Group 1804			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
4	AA	Alvarado-Urbina, et al., "Automated Synthesis of Gene Fragments", <i>Science</i> , 1981, 214, 270-273					
d	AB	Barton, et al., "Antisense Oligonucleotides directed against p53 have antiproliferative effects unrelated to effects on p53 expression", <i>Brit. J. of Cancer</i> , 71, 1995,429-437					
2	AC	Buck, et al., "Phosphate-Methylated DNA Aimed at HIV-1 RNA Loops and Integrated DNA Inhibits Virao Infectivity", Science , 248, 1990, 208-212					
4	AD	Cohen, et al, "The New Genetic Medicines", Scientific American, 6, 1994, 50-55					
2	AE	Ebert, "Is Soot Composed Predominatnly of Carbon Clusters", <i>Science</i> , 247,1190, 1468-1465					
4	AF	Frankel-Couvat et al, Virology, Preutia Hall, New Jersey, 1988, 113-122					
4	AG	Harper et al., "Detection of lymphocytes expressing human T-lymphotropic virus type III in lymph odes and peripheral blood from infected individuals by <i>in situ</i> hybridization", <i>Proc. Natl. Acad. Sci.</i> , 1986, 83, 772-776					
4	AH	Inglis et al., "Polypeptides Specified by the Influenza Virus Genome" Virology, 78, 1977, 522-536					
4	AI	Johansson, et al., "Target-specific arrest of mRNA translation by antisense 2'-O-alkyloligoribonucleotides", <i>Nuc. Ac. Res.</i> , 1994,22,4591-4598					
X	AJ	Levine et al., "Nucleic Acid Immune Systems", Progr. Allergy, 1968, 12, 161-191					
2	AK	Marcus-Sekura, et al., "Comparative inhibition of chloramphenicol acetyltransferase gene expression by antisenseoligonucleotide analogues having alkyl p0hosphotriester, methylphosphonate and phosporothioate linkages", <i>Nuc. Ac. Res.</i> , 15, 1987					
2	AL	Maniatis, et al, <u>Molecular Cloning-A Laboratory Manual</u> , Cold Spring Harbor, 1982, 179-185					
L	AM	Miller et al., "Dinucleoside Methyl Phosphonates Nonionic Analogs of Dinucleotides, Fed. Proc. Abstr. 36, 1977, 36, 2231					
4	AN	Monia et al., "Evaluation of 2'-Modified Oligonucleotides Containing 2'-Deoxy Gaps as Antisense Inhibitors of Gene Expression", <i>The J. of Bio. Chem.</i> , 268 (19), 1993, 14514-14522					
EXAMINER DATE CONSIDERED + 12/1/01							
		<i>D</i> 1 <i>J</i>					

				Sheet 2 of 2			
OIPE	Form	PTO-1449 Modified	Docket No. ISIS-4502	Serial No. 08/078,768			
APR 2 3 2001	4	f Patent and Publications Cited by Applicant everal sheets if necessary)	Applicant Tullis				
RADEMARY		Department of Commerce at and Trademark Office	Filing Date June 16, 1993	Group 1804			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
2	AO		specific Inhibition of DNA duplication by antisense phosphate-xynucleotides", <i>Nuc. Ac. Res.</i> , 17, 1989, 4769-4782				
2	AP	Moody et al., "Inhibition of HIV-1 in Retraction", Science, 250, 1990, 125-	vet al., "Inhibition of HIV-1 infectivity by Phosphate-methylated DNA: tion", Science, 250, 1990, 125-126				
d	AQ	Paterson et al., "Structural gene identification and mapping by DNA mRNA hybrid- rrested cell-free translation", <i>Proc. Natl. Acad. Sci U.S.A.</i> 74 (10), 1977, 4370-4374					
4	AR	Smith et al., "Antiviral effect of an oligo(nucleoside methylphosphonate) complementary to the splice junction of herpes simplex virus type 1 immediate early pre-mRNAs 4 and 5", <i>Proc. Natl. Acad. Sci</i> , 1986, 83, 2787-2791					
2	AS	Springgate et al., "Cooperative and Thermodynamic Parameters for Oligoinosinate-Polycytidylate Complexes", <i>Biopolymers</i> , 12, 1973, 2241-2260					
2	AT	Stridh et al, "Functional Analysis of Infulenza RNA Polymerase Activity by the use of CAPS, Oligonucleotides and Polynucleotides", Antiviral Res., 1, 1981, 97-105					
4	AU	Stull et al., "Predicting antisense oligonucleotide inhibitory efficacy: a computational approach using histograms and thermodynamic indices", <i>Nuc. Ac. Res.</i> , 20 (13), 3501-3508					
2	AV	Taylor, et al., "Efficient transcription of RNA into DNA by Avian Sarcoma Virus Polymerase", <i>Bio. et Bio. Acta</i> , 442, 1976, 324-330					
4	AW	Torrence, et al., "Strategies in the Design of Oligonucletoides as Potential Antiviral Agents, 259-285					
2	AX	Wolff, et al., "Long-term persistence of plasmid DNA and foreign gene progression in mouse muscle", <i>Hum. Mol. Gen.</i> 1 (6), 1992, 363-369					
2	AY	Williamson, et al., "Homopolynucleotide Inhibition of Poly U-dependent Polyphenylalanine Synthesis", <i>J. Mol. Biol</i> , 26, 1967, 267-278					
2	AZ	Zamecnik, "Introduction: Oligonucleotide Base Hybridization as a Modulator of Genetic Message Readout", Prospects for Antisense Nuc. Ac. Therapy of Cancer and AIDS, 1191, 1-6					
	** Handbuch der experimentelle, Pharmacologie, Springer Verlag, Heidelberg, Bonn — Heiken, Cuatrocasa, 100,1991, 329-354						
EXAMINER A TOLL DATE CONSIDERED 12/1/01							
** Copy is not included. Applicant is searching for this reference and will supply a copy to the Examiner							

^{**} Copy is not included. Applicant is searching for this reference and will supply a copy to the Examiner as soon as it is located.

BEST AVAILABLE COPY